

## EAST Search History

| Ref # | Hits    | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|------------------------|------------------|---------|------------------|
| S3    | 92      | minges.in.   | EPO; JPO; DERWENT      | ADJ              | ON      | 2007/02/22 07:37 |
| S4    | 1       | minges.in. and eibisch.in.   | EPO; JPO; DERWENT      | ADJ              | ON      | 2007/02/22 07:37 |
| S5    | 28      | eibisch.in.  | EPO; JPO; DERWENT      | ADJ              | ON      | 2007/02/22 07:37 |
| S6    | 1       | 2001-355407.NRAN.  | DERWENT                | ADJ              | ON      | 2007/02/22 07:38 |
| S7    | 3       | "9946140".pn.  | EPO; DERWENT           | ADJ              | ON      | 2007/02/22 08:22 |
| S8    | 5       | pantograph actuator  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 10:39 |
| S9    | 1567897 | (apparatus or device) and (current or electri\$4) and (auxiliary or secondary or additional or extra or multiple)  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:39 |
| S10   | 17697   | S9 and (fuel cell)   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:22 |
| S11   | 8671    | (apparatus or device) and (current or electri\$4) and (auxiliary or secondary or additional or extra or multiple) and (fuel cell) and (automobile or vehicle or car or train)                  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:53 |
| S12   | 3880    | S11 and (power source)   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:24 |
| S13   | 291     | S12 and aggregate  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:30 |
| S14   | 54      | S13 and (PEM or (proton exchange membrane))  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:32 |
| S15   | 467     | (apparatus or device) and (current or electri\$4) and (auxiliary or secondary or additional or extra or multiple) and (fuel cell) same (power source) same (PEM or (proton exchange membrane)) | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:54 |
| S16   | 279     | S15 and (vehicle or automobile or train)   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/02/22 15:54 |
| S17   | 5       | ("4849311"   "5635041"   "5779904"   "5837393"   "5853909").PN.  | US-PGPUB; USPAT; USOCR | ADJ              | ON      | 2007/02/26 07:24 |
| S18   | 4       | ("3615164"   "4946750"   "5248566"   "5270127").PN.  | US-PGPUB; USPAT; USOCR | ADJ              | ON      | 2007/02/26 07:25 |

## EAST Search History

|     |   |   |                              |     |    |                  |
|-----|---|---|------------------------------|-----|----|------------------|
| S19 | 4 | ("4365006"   "4716859"   "4988580"   "4999993").PN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/02/26 07:25 |
|-----|---|---|------------------------------|-----|----|------------------|